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TSM-35

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Y. Mimatsu et al.

Serial No.: 10/787,112

Filed: February 27, 2004

For: METHOD AND APPARATUS FOR SETTING ACCESS  
RETRITION INFORMATION

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97 & 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

October 26, 2005

Sir:

In the matter of the above-identified application, Applicants are submitting herewith the attached form equivalent to Form PTO-1449 for the Examiner's consideration. Copies of the foreign patents and non-patent references are also attached.

This information disclosure statement is being submitted before the mailing date of a first Office Action on the merits.

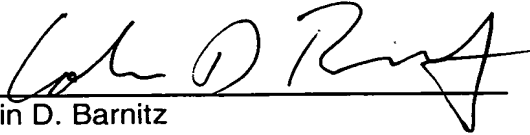
To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR §1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language abstract of the reference attached thereto.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Mattingly, Stanger, Malur & Brundidge, Deposit Account No. 50-1417 (referencing attorney docket no. TSM-35) please credit any excess fees to such deposit account.

Respectfully submitted,

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.

A handwritten signature in black ink, appearing to read 'Colin D. Barnitz', written over a horizontal line.

Colin D. Barnitz  
Registration No. 30,293

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**FORM PTO-1449** U.S. Department of  
Commerce (Rev. 4/92) Patent and Trademark  
Office

ATTY. DOCKET NO.

SERIAL NO.

**TSM-35****10/787,112**

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

APPLICANT

**Y. MIMATSU et al.**

FILING DATE

**February 27, 2004**

GROUP

**2131**

(Use several sheets if necessary)

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	<b>3,771,137</b>	<b>11-1973</b>	<b>BARNER et al.</b>			
	<b>4,025,904</b>	<b>5-1977</b>	<b>ADNEY et al.</b>			
	<b>5,408,465</b>	<b>4-1995</b>	<b>GUSELLA et al.</b>			
	<b>5,459,857</b>	<b>10-1995</b>	<b>LUDLAM et al.</b>			
	<b>5,504,882</b>	<b>4-1996</b>	<b>CHAI et al.</b>			
	<b>5,548,712</b>	<b>8-1996</b>	<b>LARSON et al.</b>			
	<b>5,680,580</b>	<b>10-1997</b>	<b>BEARDSLEY et al.</b>			
	<b>5,680,640</b>	<b>10-1997</b>	<b>OFEK et al.</b>			
	<b>5,758,118</b>	<b>5-1998</b>	<b>CHOY et al.</b>			
	<b>5,835,954</b>	<b>11-1998</b>	<b>DUYANOVICH et al.</b>			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO
	<b>JP 9-288547 A</b>	<b>11-1997</b>	<b>Japan</b>			<b>X</b>	
	<b>JP 10-283272 A</b>	<b>10-1998</b>	<b>Japan</b>			<b>X</b>	
	<b>JP 2002-230246 A</b>	<b>8-2002</b>	<b>Japan</b>			<b>X</b>	
	<b>JP 2002-157091 A</b>	<b>5-2002</b>	<b>Japan</b>			<b>X</b>	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	<b>White Paper; Network Attached Storage In the Data Protection Environment, Presented by Sony Electronics, February 2002.</b>
	<b>SCSI-3 Fault Tolerant Controller Configurations Utilizing SCC &amp; New Event Codes, Editor: Steve Sicola, High Availability Study Group, Document No.: X3T10 95-312r3, Rev. 3.0, February 28, 1996.</b>

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### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,870,537	2-1999	KERN et al.			
	5,895,485	4-1999	LOECHEL et al.			
	5,917,723	6-1999	BINFORD			
	5,956,750	9-1999	YAMAMOTO et al.			
	5,978,890	11-1999	OZAWA et al.			
	6,012,123	1-2000	PECONE et al.			
	6,098,129	8-2000	FUKUZAWA et al.			
	6,108,748	8-2000	OFEK et al.			
	6,173,374	1-2001	HEIL et al.			
	6,230,239	5-2001	SAKAKI et al.			
	6,240,486	5-2001	OFEK et al.			

### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO
	JP 2000-293317 A	10-2000	Japan			X	
	JP 11-184641 A	7-1999	Japan			X	
	JP 10-508967T (abstract only)	9-1998	Japan			X	
	JP 2001-067187 A	03-2001	Japan			X	

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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	6,240,494	5-2001	NAGASAWA et al.			
	6,247,099	6-2001	SKAZINSKI et al.			
	6,247,103	6-2001	KERN et al.			
	6,356,977	3-2002	OFEK et al.			
	6,446,141	9-2002	NOLAN et al.			
	6,446,175	9-2002	WEST et al.			
	6,457,139	9-2002	D'ERRICO et al.			
	6,490,659	12-2002	MCKEAN et al.			
	6,529,976	3-2003	FUKUZAWA et al.			
	6,553,408	4-2003	MERRELL et al.			
	6,640,278	10-2003	NOLAN et al.			

### FOREIGN PATENT DOCUMENTS

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						YES	NO
	EP 1 130 514 A2	09-2001	Europe				

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	6,640,291	10-2003	FUJIBAYASHI et al.			
	6,647,474	11-2003	YANAI et al.			
	6,647,476	11-2003	NAGASAWA et al.			
	6,654,830	11-2003	TAYLOR et al.			
	6,654,831	11-2003	OTTERNESS et al.			
	6,675,258	1-2004	BRAMHALL et al.			
	6,681,303	1-2004	WATANABE et al.			
	6,681,339	1-2004	MCKEAN et al.			
	6,708,232	3-2004	OBARA			
	6,826,778	11-2004	BOPARDIKAR et al.			
	6,883,064	4-2005	YOSHIDA et al.			

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	<b>2001/0050915 A1</b>	<b>12-2001</b>	<b>O'HARE et al.</b>			
	<b>2002/0004857 A1</b>	<b>1-2002</b>	<b>ARAKAWA et al.</b>			
	<b>2002/0133735 A1</b>	<b>9-2002</b>	<b>MCKEAN et al.</b>			
	<b>2002/0156887 A1</b>	<b>10-2002</b>	<b>HASHIMOTO</b>			
	<b>2002/0194523 A1</b>	<b>12-2002</b>	<b>ULRICH et al.</b>			
	<b>2002/0019920 A1</b>	<b>2-2002</b>	<b>REUTER et al.</b>			
	<b>2002/0019922 A1</b>	<b>2-2002</b>	<b>REUTER et al.</b>			
	<b>2002/0019923 A1</b>	<b>2-2002</b>	<b>REUTER et al.</b>			
	<b>2002/0026558 A1</b>	<b>2-2002</b>	<b>REUTER et al.</b>			
	<b>2002/0029326 A1</b>	<b>3-2002</b>	<b>REUTER et al.</b>			
	<b>2003/0037071 A1</b>	<b>2-2003</b>	<b>HARRIS et al.</b>			

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(Form PTO-1449 [6-4])

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	2003/0051109 A1	3-2003	COCHRAN			
	2003/0056038 A1	3-2003	COCHRAN			
	2003/0097607 A1	5-2003	BESSIRE			
	2003/0101228 A1	5-2003	BUSSER et al.			
	2003/0115432 A1	6-2003	BIESSENER et al.			
	2003/0126327 A1	7-2003	PESOLA et al.			
	2003/0145168 A1	7-2003	LECRONE et al.			
	2003/0145169 A1	7-2003	NAGASAWA et al.			
	2003/0158999 A1	8-2003	HAUCK et al.			
	2003/0167419 A1	9-2003	YANAI et al.			
	2003/0182525 A1	9-2003	O'CONNELL et al.			

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	2003/0200387 A1	10-2003	URABE et al.			
	2003/0204597 A1	10-2003	ARAKAWA et al.			
	2003/0212854 A1	11-2003	KITAMURA et al.			
	2003/0212860 A1	11-2003	JIANG et al.			
	2003/0221077 A1	11-2003	OHNO et al.			
	2004/0003022 A1	1-2004	GARRISON et al.			
	2004/0049553 A1	3-2004	IWAMURA et al.			
	2004/0054850 A1	3-2004	FISK			
	2004/0064610 A1	4-2004	FUKUZAWA et al.			
	2004/0064641 A1	4-2004	KODAMA			
	2004/0123180 A1	6-2004	SOEJIMA et al.			

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	2004/0143832 A1	7-2004	YAMAMOTO et al.			
	2004/0148443 A1	7-2004	ACHIWA			
	2004/0172510 A1	9-2004	NAGASHIMA et al.			
	2004/0230980 A1	11-2004	KOYAMA et al.			
	2004/0260875 A1	12-2004	MUROTANI et al.			
	2004/0260966 A1	12-2004	KAIYA et al.			
	2005/0010743 A1	1-2005	TREMBLAY et al.			
	2005/0081009 A1	4-2005	WILLIAMS et al.			

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